

REPORT OF CHANNEL CONDITIONS 400 FEET WIDE OR GREATER <i>(ER 1130-2-306)</i>						PAGE 1 OF 1		
DATE JULY 2005								
TO: The Record				FROM: U.S. Army Corps of Engineers 26 Federal Plaza, ATTN: CENAN-OP-ST New York, NY 10278-0090				
RIVER/HARBOR NAME AND STATE: NY & NJ Channels, Vicinity of Outerbridge to Seguine Point Bend Reaches					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)				
Partial Reach M: Outerbridge Reach. Commences 300' Landward of Outerbridge Crossing and ends 3500' Landward of RED NUN #60.	Map 1271 Pgs 1-2 of 5 23-31 Mar, & 4-21 Apr 2005	600	0.9	35	33.6	35.1	36.9	35.8
Reach N: Ward Pt Bend West Reach. Commences 3500' Landward of RED NUN #60 and ends 100' Seaward of RED BUOY #56.	Map 1271 Pgs 2-3 of 5 23-31 Mar, & 4-21 Apr 2005	600	1.3	35	35.1	34.6	32.5	31.1
Reach O: Ward Pt Bend East Reach. Commences 100' Seaward of Red Buoy #56 and ends at RED BUOY #46.	Map 1271 Pgs 3-4 of 5 23-31 Mar, & 4-21 Apr 2005	800	1.1	35	30.6	38.8	36.5	27.8
Reach P: Red Bank Reach. Commences at RED BUOY #46 and ends 350' Seaward of GREEN BUOY #35.	Map 1271 Pgs 4-5 of 5 23-31 Mar, & 4-21 Apr 2005	600	1.3	35	34.6	40.6	40.6	33.0
Partial Reach Q: Seguine Point Bend. Commences 350' Seaward of GREEN BUOY #35 and ends 600' Seaward of GREEN BUOY #31.	Map 1271 Pgs 5 of 5 23-31 Mar, & 4-21 Apr 2005	800	0.8	35	35.1	35.6	37.5	22.3

REMARKS:

- All depths in MLW
- Channel length is in nautical miles
- Shoaling by Reaches:
 - Reach M (Partial): Shoaling exists in the Left Outside Quarter with a minimum depth of 33.6 Ft.
 - Reach N: Shoaling throughout almost the entire reach in the right half of the channel with a minimum depth of 31.1 Ft.
 - Reach O: Shoaling exists mostly along the outermost edges of the channel with a minimum depth of 27.8 Ft.
 - Reach P: Some shoaling exists along the outermost edges of the channel with a minimum depth of 33.0 Ft.
 - Reach Q (Partial): Shoaling exists along the Right Outside edge near GREEN BUOY #31 with a minimum depth of 22.3 Ft.